

**GRANDE PRAIRIE REGIONAL COLLEGE**  
**COURSE OUTLINE - FALL 1999**  
**COMPUTER SYSTEMS TECHNOLOGY 3610**  
**SYSTEMS ANALYSIS AND DESIGN 3(3-0-3)UT**

ern 06 2000

**INSTRUCTOR** Jeff Lieskovsky  
**OFFICE NUMBER** C402  
**PHONE** 539-2071  
**E-mail** lieskovsky@gprc.ab.ca  
**OFFICE HOURS** Monday, Wednesday 10:00 – 11:20 AM  
Friday 1:00 – 2:20 AM

**Lecture** Monday 13:00 – 2:20 B201      **Lab** Thursday 9:30 – 11:20 J101  
Wednesday 13:00 – 2:20 B201

### **COURSE DESCRIPTIONS**

By means of lectures and CASE studies you will be introduced to the methods used by Systems Analysts in determining the information needs of an organization. A systems development life cycle will be discussed in detail.

### **PREREQUISITE**

CS 1140 Introduction to Computing Science

### **REQUIRED TEXT**

Whitten, J.L., and Bentley, L.D. Systems Analysis and Design Methods, 4<sup>th</sup> edition, Irwin, 1998.

### **COURSE MATERIALS**

Each student will also need several 3 and ½ disks in which to save work on.

### **IMPORTANT DATES**

Sept. 8 Class begins	Oct. 11 Thanksgiving Day (no class)
Sept. 14 Last day in which to add a class	Oct. 12-15 Midterm exam week
Nov. 5 Last day to in which to drop a class	Dec. 8 Last day of class
Nov. 11 Remembrance Day (no class)	Dec. 13-21 Final Exams
Nov. 12 (no class)	

### **GRADING**

<b>Assignments</b>	<b>25%</b>
<b>Term Test 1</b>	<b>20%</b>
<b>Term Test 2</b>	<b>20%</b>
<b>Final Exam</b>	<b>35%</b>

It is advisable to attend all classes. Tests and the final exam will be based on the text and instructor's notes

## TENTATIVE CLASS SCHEDULE AND ASSIGNMENTS

All assigned readings should be done before coming to class. Three hours per week will be set aside for text presentation while the lab session will be used for discovering the CASE tool (Systems Architect).

Week	Topics	
1	Introduction	
2	Chapter 1 & 2	
3	Chapter 3	
4	Appendix A & B	
5	Chapter 4 & Appendix C	
6	Appendix D & E	
7	Chapter 5 & 6	Term Test 1
8	Chapter 7 & 8	
9	Chapter 9 & 10	
10	Chapter 11 & 12	Term Test 2
11	Chapter 13 & 14	
12	Chapter 15 & 16	
13	Chapter 17 & 18	
14	Review	Final Exam